ABSTRACT

Systems and methods are described for allowing a pharmacist to practice pharmaceutical care in an accurate and efficient manner. The present invention provides the systems for gathering, organizing, and maintaining the necessary clinical and patient data, and providing pharmacists access thereto, through integrated computer software. The clinical data classifies drugs into therapeutic classes, and for each class there is associated therewith known indications, contra-indications, recommended dosages, known adverse reactions, and drug interactions. A clinical database and a patient database are used. In the clinical database, each drug is assigned a unique identification code including a therapeutic cross reference (TXR). The TXR allows access to information associated with the drug's adverse reactions, and dosage recommendations, and also to disease indications and contra-indications via a link to the ICD-9s (International Classification of Diseases) associated with the diseases. The patient data includes patient diagnosis profiles and allergy profiles.